

Electronic Acknowledgement Receipt

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|---|---|----|-------|
| EFS ID: | 6145222 | | |
| Application Number: | 10597735 | | |
| International Application Number: | | | |
| Confirmation Number: | 5525 | | |
| Title of Invention: | Method and apparatus to perform channel estimation for a communication system | | |
| First Named Inventor/Applicant Name: | Alexander Maltsev | | |
| Correspondence Address: | John F Kacvinsky Kacvinsky 4500 Brooktree Road Suite 102 Wexford | PA | 15090 |
| Filer: | US - John Francis Kacvinsky/Spencer Bartl | | |
| Filer Authorized By: | John Francis Kacvinsky | | |
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| Application Type: | U.S. National Stage under 35 USC 371 | | |

Payment information:

| | |
|--|-------------|
| Submitted with Payment | yes |
| Payment Type | Credit Card |
| Payment was successfully received in RAM | \$310 |

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| RAM confirmation Number | 11125 |
| Deposit Account | |
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File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/Message Digest | Multi Part /.zip | Pages (if appl.) |
|--|----------------------|-----------------------------|---|------------------|------------------|
| 1 | | P17139-OA-RESP-09-25-09.pdf | 72835 e0ed021445d37169f2024934cf9bedfb5c64992d | yes | 14 |
| Multipart Description/PDF files in .zip description | | | | | |
| Document Description | | Start | | End | |
| Amendment/Req. Reconsideration-After Non-Final Reject | | 1 | | 1 | |
| Claims | | 2 | | 9 | |
| Applicant Arguments/Remarks Made in an Amendment | | 10 | | 14 | |

Warnings:

Information:

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|---|--|--------------------------|--|----|---|
| 2 | Information Disclosure Statement (IDS) Filed (SB/08) | P17139-SIDS-09-25-09.pdf | 573427 7139Qxa195le772dked16d732348cfc66670cc43 | no | 4 |
|---|--|--------------------------|--|----|---|

Warnings:

Information:

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|---|-------------------|------------------|---|----|---|
| 3 | Foreign Reference | JP03152603A2.pdf | 22537 a7d6f92a99c38974bc7ed46374ddfa15687a1a153e | no | 1 |
|---|-------------------|------------------|---|----|---|

Warnings:

Information:

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|---|-------------------|------------------|--|----|----|
| 4 | Foreign Reference | WO03015364A1.pdf | 1587914 a7d674dc80ca74bb6462d3bc219cfd0ce22cb | no | 40 |
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Warnings:

Information:

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|---|-------------------------|--------------|--|----|---|
| 5 | Fee Worksheet (PTO-875) | fee-info.pdf | 31989 916288194msw010bd8698bf937001e1d17de229 | no | 2 |
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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.